SECTION 1 Specifications

SPECIFICATIONS

COMPATIBILITY

• **Host Compatibility**	Macintosh compatible, IBM compatible[1].
• **Operating Systems**	Mac OS 7 (7.1 or above / QuickDraw), DOS, Windows 3.1, Windows95, WindowsNT 4.0.
• **Interface Ports**	Serial (DB9 plug), Parallel (DB25 receptacle), Ethernet (RJ45, BNC, AUI), and SCSI II for scanning (DB50 high density receptacle) Adaptec[2] or Mac SCSI for scanning.
• **Protocol**	RS 232C, IEEE 1284 (compatibility bidirectional modes), EtherTalk phase II support, TCP/IP (LPR protocol), and SCSI II (SCSI for scanning only).
• **Autoswitching**	Printing port and protocol.
• **Printer Languages**	Adobe PostScript Level 2, HP PCL 5 and HP PCL 5e.
• **Language Autoswitching**	Yes.
• **Resource saving**	Yes.
• **Printer Emulation**	HP LaserJet 4V/III
• **Resident Fonts**	35 Adobe PostScript Latin, 50 Agfa PCL Latin scaleable, 7 Agfa PCL Latin Bitmap, 2 Adobe PostScript Kanji (SC7500J only)

HARDWARE:

• **Processor speed**	AMD K5, Pentium equivalent 100 MHz
• **RAM**	16 MB standard and two free slots. (possible maximum 128 MB).
• **Hard Disk**	850 MB[3] disk capacity. Minimum 350 MB available for user.
• **Interface Unit Type**	Box.
• **Dimensions**	171 mm x 425 mm x 356 mm (WxDxH)
• **Power Requirements**	100 - 120V / 200 - 240V (manually switchable), AC 4/2.5A 50/60 Hz.
• **Operating temperature**	5ºC - 40ºC
• **Storage temperature**	-20ºC - 60ºC
• **Humidity**	Operation: 40% RH to 70% RH non-condensing Storage: 20% RH to 90% RH non-condensing
• **Weight**	Unit 9.2 kg (shipping 11 kg)
• **Controls**	One multi-function reset key and a power switch.
• **LEDS**	RISOGRAPH connection status, SC7500 power, SC7500 status (three colour multi-functional LED).

OUTPUT

• **Resolution**	400 x 400 and 600 x 600 dpi (automatically detected from connection to RISOGRAPH during switch on)
• **Printing Paper Size**	Same as RISOGRAPH connected.
• **Printing Image Area**	Same as RISOGRAPH drum (checked during switch on) Margins; Lead edge 5 mm, side 3 mm, tail 2 mm, approximately.
• **Scanning Paper Size**	Same as RISOGRAPH connected
• **Scanning Image Area**	A3 maximum width. Tabloid maximum length[4]
• **Scanning file formats**	TIFF for scanning to disk (DOS and Windows only), plus TWAIN compatible for scanning to application software (Windows and Mac only).

SUPPLIED SOFTWARE[5]

- **Macintosh** — Installer program, PS Printer driver version 8.3.1, Screen fonts, PPDs, Twain compatible scan driver, Utility software.
- **DOS** — Install file, Utility software, Scan software.
- **WIN 3.1 and WIN95** — Setup file, Adobe PS Printer installer, PS Printer Driver (version 4.1.1 for WIN95, version 3.0.1 for WIN3.1), PPDs, PCL Driver, Utility software, Uninstall file. Scan utility, Twain compatible scan driver**.**
- **WIN NT 4.0** — As for WIN95 except WindowsNT 4.0 standard PS driver used with supplied INF file.

SOFTWARE CONTROLLABLE RISOGRAPH FUNCTIONS

Copy count, Speed, Density, Auto Print , Sorter, Confidential, (photo, line and duo mode for scanning, scan density).

ADDITIONAL PRINT FEATURES

On screen messaging[6], Font Downloading, Pause before master (to allow operation of RISOGRAPH in multi-pass jobs), odd, even and all pages print, rotate 180° (to reverse lead and trail edges) Choice of Error recovery modes, Choice of Screening techniques, multiple proof pages, stored custom defaults, software and hardware diagnostics, drum size matching[7], automatic detection of drum size and resolution at start-up, and colour.

ADDITIONAL SCAN FEATURES

Scan preview, choice of selectable scan region, invert image, TWAIN compatible, multiple page scan.

APPROVALS

VDE-GS, UL, cUL, CE (Class A), FCC (Class A)

Notes:

1 other platforms may work (any with correct port and driver), however RISO do not guarantee support as some features will not be available.
2 RISO recommends Adaptec cards 1542P, 1542CF, or 2940, or Mac SCSI.
3 RISO may increase the size of the hard disk without notice.
4 A RISOGRAPH not capable of A3 printing has the maximum scan area reduced by 24 mm on the left hand edge.
5 supplied on CD ROM
6 available where hardware, printer driver and OS support bidirectional communication.
7 PPD feature